

| Ref # | Hits | Search Query  | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------|------------------|---------|------------------|
| L1    | 3    | Jane near Gates   | USPAT    | OR               | OFF     | 2004/12/08 12:45 |
| L2    | 15   | ("5563746" "5600500" "5880899"<br>"6075664" "6084733" "6101053"<br>"6195219" "6216242" "6262858"<br>"6501606" "6643081" "6760174"<br>"6771440" "4814908" "6594104").<br>pn. | USPAT    | OR               | OFF     | 2004/12/08 12:47 |
| L3    | 6    | "20020122268" "20020191326"<br>"20030058559" "20030099054"<br>"20030202274" "20040042105"   | US-PGPUB | OR               | OFF     | 2004/12/08 12:48 |
| L4    | 23   | Ladislav near Pust  | USPAT    | OR               | OFF     | 2004/12/08 13:35 |
| L5    | 20   | (Lance near Stover)   | USPAT    | OR               | OFF     | 2004/12/08 13:35 |
| L6    | 54   | John near brand   | USPAT    | OR               | OFF     | 2004/12/08 13:42 |

| Ref # | Hits | Search Query  | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------|------------------|---------|------------------|
| L1    | 2    | ("6433310" "6757235").pn.   | USPAT    | OR               | OFF     | 2004/12/08 15:22 |
| L2    | 2    | 09/774,943  | US-PGPUB | OR               | OFF     | 2004/12/08 15:23 |
| L3    | 7    | ("5247493" "6404713" "6124998" "5408365" "5596555" "5182742" "6050722").pn.   | USPAT    | OR               | OFF     | 2004/12/08 15:24 |
| L4    | 9    | ("5164869" "5781377" "5991113" "6074566" "6181514" "6330128" "6349014" "6396660" "6466404").pn.   | USPAT    | OR               | OFF     | 2004/12/08 15:26 |
| L5    | 793  | ((heat\$3) or (heat\$3 adj (element or device or apparatus))) near10 (transducer or head or actuator) same (control\$4) same (intermittent\$3 or alternat\$3 or periodic\$5 or recurr\$3 or cyclic\$4 or sporadic\$5) | USPAT    | OR               | ON      | 2004/12/08 16:25 |
| L6    | 13   | ("360"/\$.ccls.) and L5   | USPAT    | OR               | ON      | 2004/12/08 15:29 |
| L7    | 7    | ((heat\$3) or (heat\$3 adj (element or device or apparatus))) near10 (transducer or head or actuator) same (control\$4) same (precondition\$3)  | USPAT    | OR               | ON      | 2004/12/08 15:29 |
| L8    | 127  | ((heat\$3) or (heat\$3 adj (element or device or apparatus))) near10 (transducer or head or actuator) same (control\$4) same (optimiz\$5)   | USPAT    | OR               | ON      | 2004/12/08 15:29 |
| L9    | 5    | ("360"/\$.ccls.) and L8   | USPAT    | OR               | ON      | 2004/12/08 15:29 |
| L10   | 68   | ((heat\$3) or (heat\$3 adj (element or device or apparatus))) near10 (transducer or head or actuator) same (control\$4) same (optimiz\$5) same (temperature or characteristic or parameter)                           | USPAT    | OR               | ON      | 2004/12/08 15:29 |
| L11   | 5    | ("360"/\$.ccls.) and L10  | USPAT    | OR               | ON      | 2004/12/08 15:29 |
| L12   | 1    | 09/931,834  | US-PGPUB | OR               | OFF     | 2004/12/08 15:36 |
| L13   | 15   | ("5563746" "5600500" "5880899" "6075664" "6084733" "6101053" "6195219" "6216242" "6262858" "6501606" "6643081" "6760174" "6771440" "4814908" "6594104").pn.   | USPAT    | OR               | OFF     | 2004/12/08 15:36 |
| L14   | 6    | "20020122268" "20020191326" "20030058559" "20030099054" "20030202274" "20040042105"   | US-PGPUB | OR               | OFF     | 2004/12/08 15:36 |
| L15   | 8456 | (heat\$3) near5 (element or device or apparatus) near5 (head or transducer)   | USPAT    | OR               | ON      | 2004/12/08 16:22 |
| L16   | 931  | (heat\$3) near5 (element or device or apparatus) near5 (head or transducer) near5 control\$4  | USPAT    | OR               | ON      | 2004/12/08 16:23 |

|     |     |   |       |    |    |                  |
|-----|-----|---|-------|----|----|------------------|
| L17 | 201 | (heat\$3) near5 (element or device or apparatus) near5 (head or transducer) near5 control\$4 near5 temperature  | USPAT | OR | ON | 2004/12/08 16:24 |
| L18 | 829 | (heat\$3) near5 (element or device or apparatus) near5 (head or transducer) near5 control\$4 near5 heat\$3  | USPAT | OR | ON | 2004/12/08 16:24 |
| L19 | 6   | (intermittent\$3 or alternat\$3 or periodic\$5 or recurr\$3 or cyclic\$4 or sporadic\$5) near5 (heat\$3) near5 (element or device or apparatus) near5 (head or transducer) near5 (control\$4 or regime or optimiz\$3) near5 heat\$3     | USPAT | OR | ON | 2004/12/08 16:27 |
| L20 | 0   | (intermittent\$3 or alternat\$3 or periodic\$5 or recurr\$3 or cyclic\$4 or sporadic\$5) near5 (heat\$3) near5 (element or device or apparatus) near5 (head or transducer) near5 (control\$4 or regime or optimiz\$3) near5 temperature | USPAT | OR | ON | 2004/12/08 16:27 |
| L21 | 6   | (intermittent\$3 or alternat\$3 or periodic\$5 or recurr\$3 or cyclic\$4 or sporadic\$5) near5 (heat\$3) near5 (element or device or apparatus) near5 (head or transducer) near5 (control\$4 or regime or optimiz\$3)                   | USPAT | OR | ON | 2004/12/08 16:27 |